



The Chemical Company

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January 21, 2008



Via Federal Express

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United States Environmental Protection Agency - East  
Attn: TSCA Section 8(e)  
Room 6428  
1201 Constitution Avenue, NW  
Washington, DC 20004

**Subject:** Notice in Accordance with Section 8(e): Results of a Buehler Test in Guinea Pigs with N4-Amine (N,N-bis(3-aminopropyl)ethylenediamine) (CAS No.10563-26-5)

Dear Sir/Madam:

BASF Corporation is submitting results of a Buehler Test in Guinea Pigs with N4-Amine (N,N-bis(3-aminopropyl)ethylenediamine) (CAS No.10563-26-5), conducted by BASF Aktiengesellschaft, Ludwigshafen, Germany. The test substance is a chemical intermediate.

The substance was tested for its sensitizing effect on the skin of the guinea pig in the BUEHLER Test based on the method of BUEHLER, E.V. (1965).

The test-substance concentrations for the main test were selected based on the results of the pretest. All inductions were performed with a 10% test-substance preparation in doubly distilled water and for the challenge a 5% test-substance preparation in doubly distilled water was chosen. The study was performed using 1 control group and 1 test group. The inductions were performed on days 0, 7 and 14. A challenge was carried out 14 days after the last induction.

The inductions caused discrete or patchy to intense erythema, swelling and eczematoid skin changes in all test group animals.

For the 3<sup>rd</sup> induction, the test patch was moved to the middle of the flank in one test group animal because of severe skin irritation effect.

After the challenge discrete or patchy to moderate and confluent erythema was observed in the test group animals 24 and 48 hours after removal of the patches.

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The number of animals with skin findings after the challenge is summarized in the following table:

	Challenge		
	Test substance 5% in doubly distilled water		
	24 h	48 h	Total
Control group	0 / 10	0 / 10	0 / 10
Test group	12 / 20	16 / 20	16 / 20

x/y: number of positive reactions/number of animals tested (**reading at 24 h and/or 48 h after the removal of the patch**)

Based on the results of this study and applying the evaluation criteria cited in chapter 3.8, it was concluded that the substance has a **sensitizing effect** on the skin of the guinea pig in the BUEHLER Test under the test conditions chosen.

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

If you have any questions, please call Janet Cerra at (973) 245-6693.

Sincerely,

*Janet Cerra*

Janet Cerra  
Product Regulatory Center of Excellence

/jc

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From: Origin ID: LKKA (973)245-6693  
Janel Cerra  
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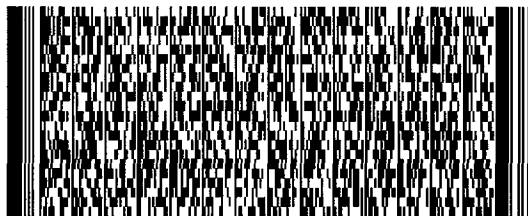


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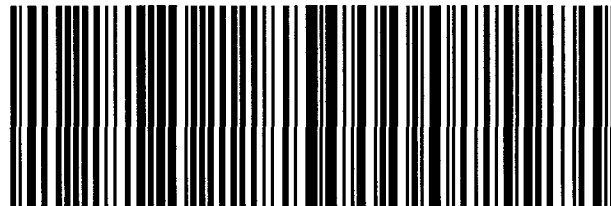
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